

## SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 7/22/2014, 7/23/2014, 7/24/2014</b>	Man Days: 3
<b>Inspection Unit: Alton</b>	
<b>Location of Audit: Alton</b>	
<b>Exit Meeting Contact: Dallas Jett</b>	
<b>Inspection Type: Design Testing and Construction</b>	
<b>Pipeline Safety Representative(s): Valerie Schwing</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

CONSTRUCTION INFORMATION		
<b>Location of Construction:</b> 813 Enos Lane, Godfrey, IL	<b>Construction Performed By:</b> Ameren	
<b>Contractor Foreman:</b>		
<b>Operator Inspector:</b>		
Person(s) On Job Site		
Justin Deluca	Jay Lewis	Robert Henery
Bill Jackson		
<b>Description of Construction:</b>		

SERVICE INSTALLATION		Status
[192.55]	Steel	Yes
<b><u>General Comment:</u></b> 2 inch Main		
[192.59]	PE	Yes
<b><u>General Comment:</u></b> 1/2 inch PE Service		
[192.59]	Other	No

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[192.619,192.621,192.623]	MAOP	<b>60 psi</b>
[192.5]	Class location :	<b>Class 1</b>
[192.53]	Are components qualified for use?	<b>Satisfactory</b>
[192.63(a)(2)]	Pipe Size :	<b>1/2 inch</b>
[192.55,192.59]	Specification :	<b>ASTM D 2513</b>
[192.55,192.59]	Manufacturer :	<b>Driscoplex Date: 7/31/2013</b>
[192.55,192.59]	Pipe Grade :	<b>PE 2406</b>
[192.55,192.59]	Wall Thickness :	<b>DR 11</b>
[192.63]	Are pipe, valves, and fittings properly marked for identification?	<b>Satisfactory</b>
[192.227]	Welder qualification date:	<b>03/04/2014</b>
[192.227]	Welder's Name:	<b>Bill Jackson</b>
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff witnessed the welder used the rod type E6010 according to the Welding Procedure Specification – ENE-Ameren-F01R Rev 1 and do three passes.</i>		
[192.285]	Date of Qualification :	<b>02/17/2014</b>
[192.285]	Joiner's name:	<b>Jay Lewis</b>
[192.455]	Is buried metallic pipe coated?	<b>Satisfactory</b>
[192.455(a)(1)]	Is cathodic protection being provided?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The CP reading was -1.39 Volts on the steel main.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	<b>Yes</b>
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	<b>No</b>
[192.461]	Does coating meet 192.461?	<b>Satisfactory</b>
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed the Ameren crew inspecting the plastic before and after installing the pipe in the ditch.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	<b>Satisfactory</b>
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	<b>Satisfactory</b>

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[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	<b>Satisfactory</b>
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	<b>Satisfactory</b>
[192.321]	Does plastic pipe have means of locating while underground?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed a tracer wire being installed according to the operator's O&amp;M.</i>		
[192.325]	Are required clearances from underground structures being maintained?	<b>Satisfactory</b>
Is required cover being obtained for the service line?		<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The service line was installed with a minimum cover of 22 inches.</i>		
[192.503]	Are general testing requirements being met?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed a pressure test start at 11:09 AM with a pressure of 103 PSI held till 11:20 AM.</i>		
[192.517]	Are records being made of strength and leak tests?	<b>Satisfactory</b>
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	<b>Satisfactory</b>
[192.805(c)]	Were non-qualified personnel being "directed and observed" by a qualified individual?	<b>Satisfactory</b>
[192.805(c)]	Were span of control limitations being followed?	<b>Satisfactory</b>
Was a Protocol 9 (Form 15) Completed?		<b>No</b>
[192.614]	Were One Call Notifications performed as required?	<b>Satisfactory</b>
[192.614]	Dig Ticket #	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Dig Start Date: 7/21/2014 at 1:30 PM</i>		
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	<b>Satisfactory</b>

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